

Supporting Information

Engineering of hollow periodic mesoporous organosilica nanorods for augmented hydrogen clathrate formation

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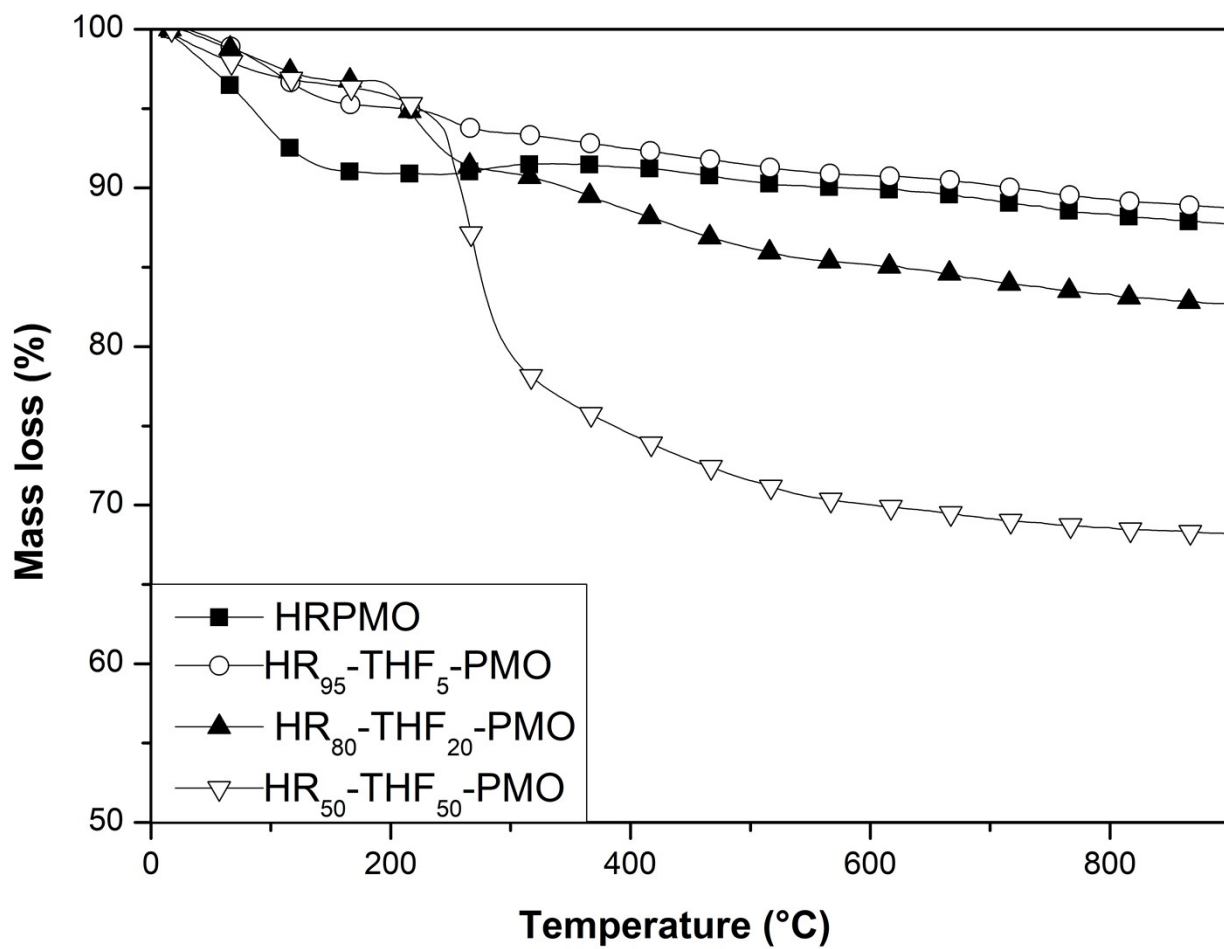


Figure S1. Thermogravimetric analysis of the different materials.

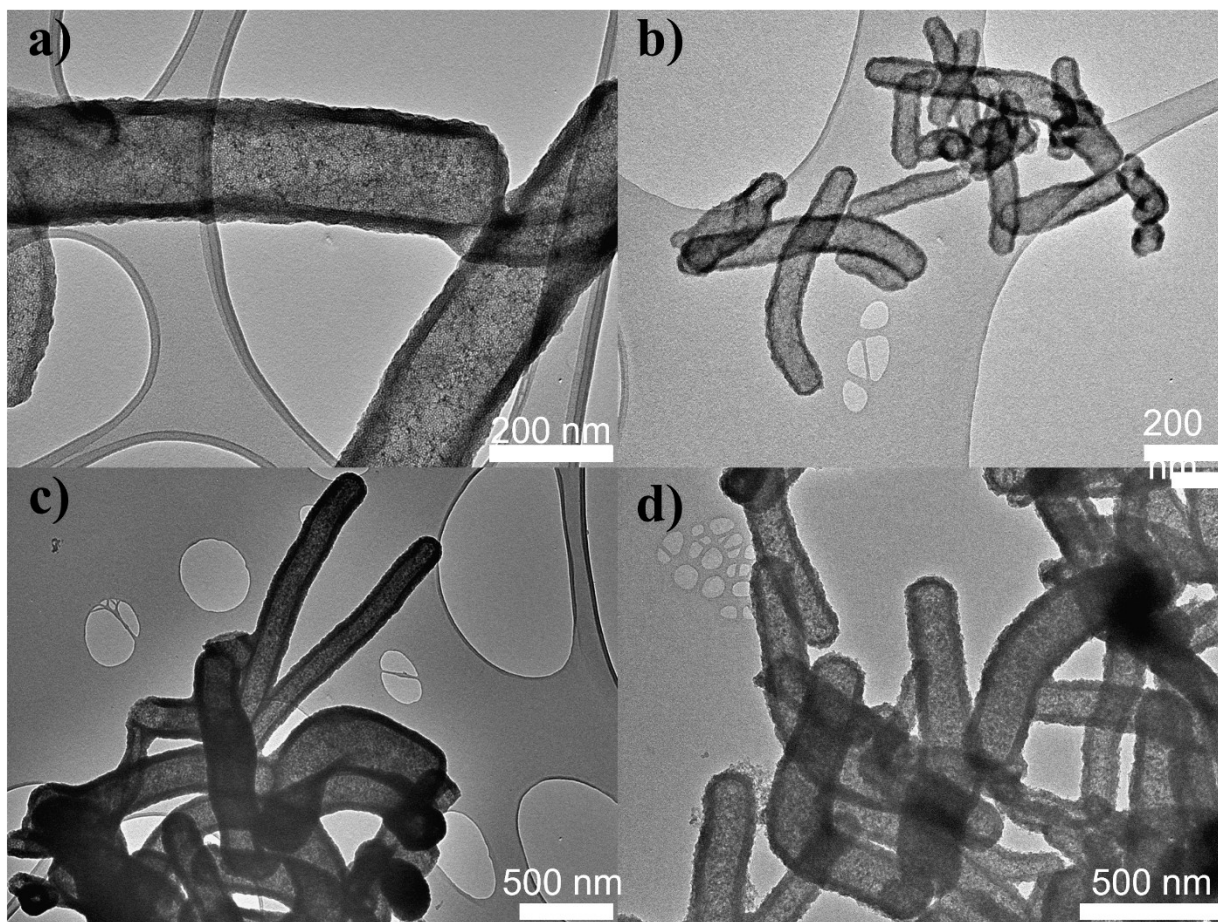
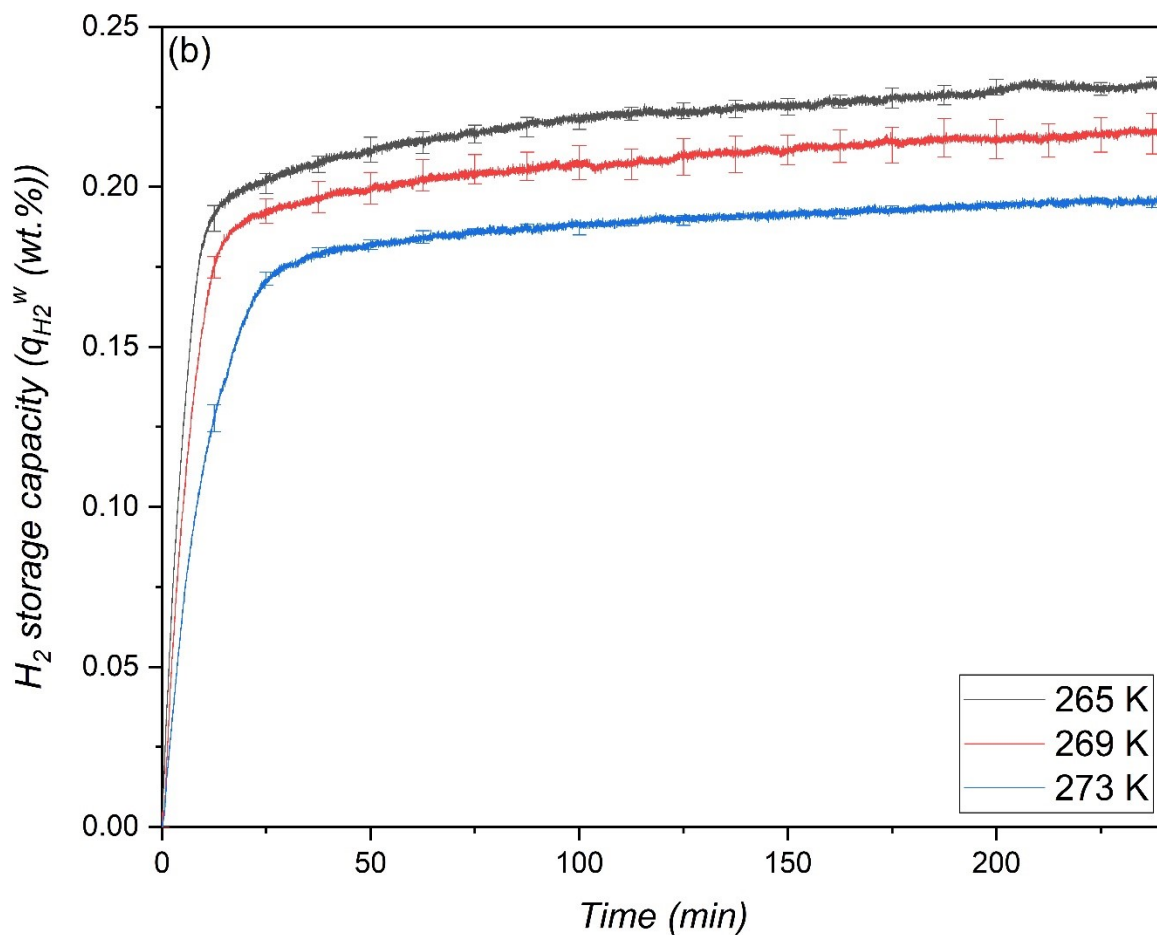
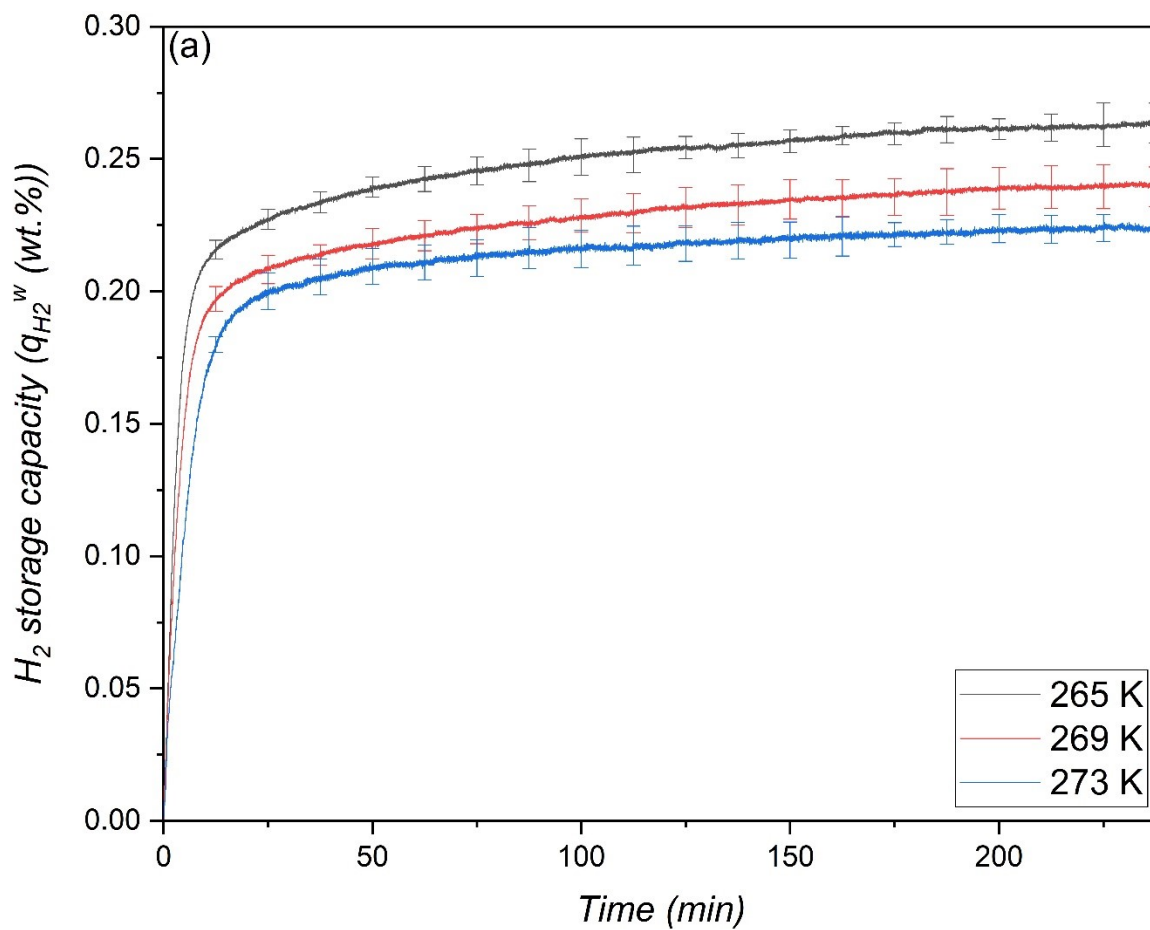


Figure S2. Transmission Electron Microscopy images of (a): HRP MO, (b): HR₉₅-THF₅-PMO, (c): HR₈₀-THF₂₀-PMO, (d): HR₅₀-THF₅₀-PMO



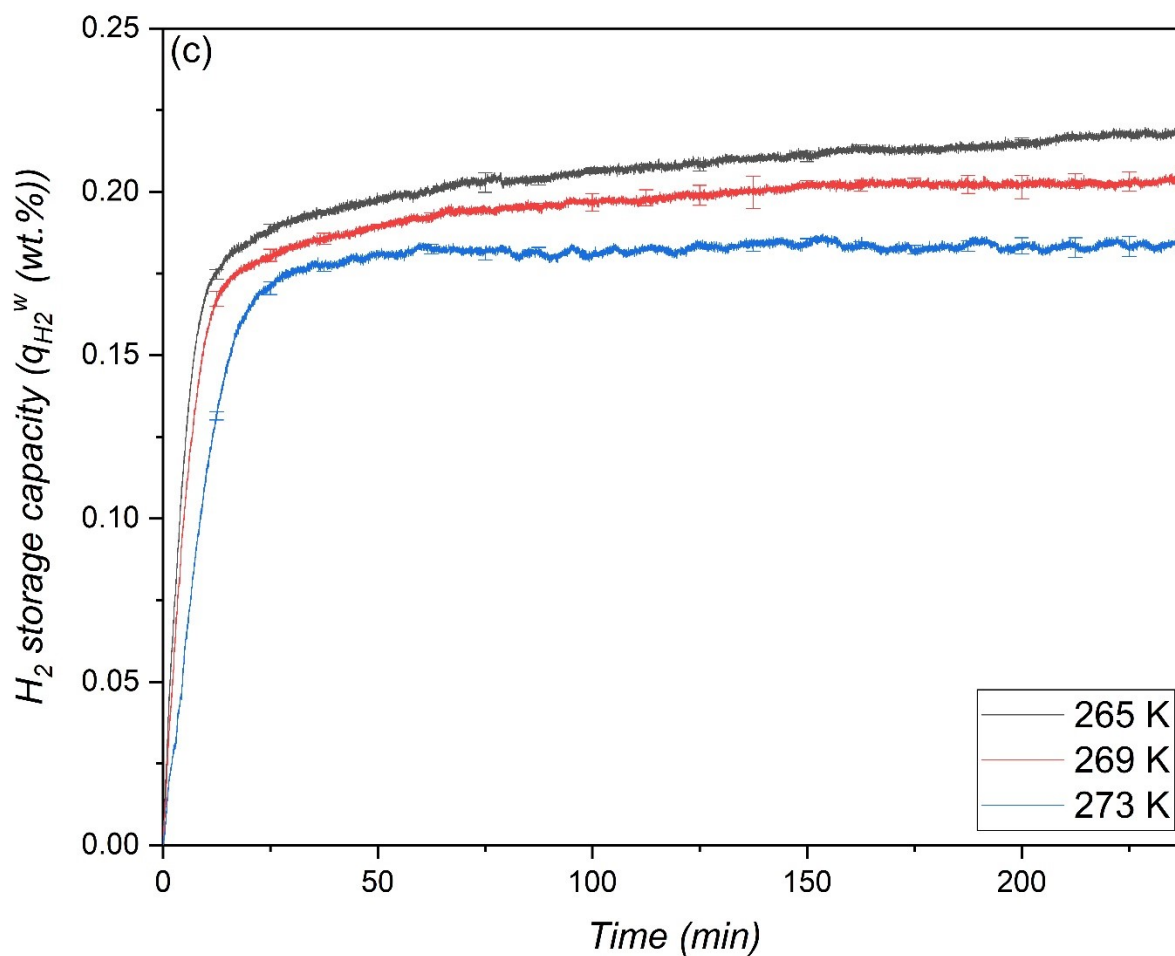


Figure S3. H₂ storage capacities in three different THF-like functionalized materials at three different temperatures; (a): HR₉₅-THF₅-PMO, (b): HR₈₀-THF₂₀-PMO, (c): HR₅₀-THF₅₀-PMO